

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (original) Device for reducing the output current of a primary switched battery charger, which charger comprises an input DC power circuit, a high frequency transformer and a control unit for modulating the DC input power, characterised in that it comprises means for measuring pulse ratio of switch pulses on the output side of the charger; means for measuring peak value of output voltage; means for differentially amplifying the signals measured; and means for integrating voltage/current of the differentially amplified signals, wherein the integrated voltage/current is used for modulating the input DC power in order to reduce the output current.

2. (original) Device according to claim 1, characterised in a switch capable of switching on and off the connection between the means for differentially amplifying and the means for integrating.

3-16. (canceled)

17. (original) Method for reducing the output current of a primary switched battery charger, which charger comprises an input DC power circuit, a high frequency transformer and a control unit for modulating the DC input power, characterised in

the steps of : measuring pulse ratio of switch pulses on the output side of the charger; measuring peak value of output voltage; differentially amplifying the signals measured; integrating voltage/current of the differentially amplified signals, wherein the integrated voltage/current is used for modulating the input DC power in order to reduce the output current.

18. (canceled)